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PATENT  
Attorney Docket No.: COOL-00700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Group Art Unit: 3746
Thomas W. Kenny et al.	)	Examiner: Koczko Jr., Michael
Serial No.: 10/669,495	)	<b><u>RESPONSE TO OFFICIAL ACTION</u></b>
Filed: September 23, 2003	)	<b><u>MAILED ON October 13, 2005</u></b>
For: <b>MICRO-FABRICATED ELECTROKINETIC PUMP WITH ON-FRIT ELECTRODE</b>	)	162 North Wolfe Road Sunnyvale, CA 94086 (408) 530-9700
	)	Customer Number 28960

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

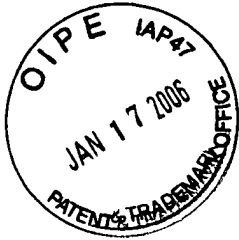
Sir:

Please amend the above-identified application as follows:

**CLAIM AMENDMENTS** are reflected in the listing of claims which begin on page 2; and  
**REMARKS** begin on page 11 of this paper.

01/19/2006 FFANAI2 00000004 10669495

01 FC:2201	500.00 OP
02 FC:2202	125.00 OP



HAVERSTOCK & OWENS LLP  
162 North Wolfe Road  
Sunnyvale, California 94086  
(408) 530-9700

Customer Number 28960

In re Application of: Thomas W. Kenny et al.  
Serial No.: 10/669,495  
Filed: September 23, 2003  
Entitled: MICRO-FABRICATED ELECTROKINETIC PUMP WITH ON-FRIT ELECTRODE  
Group Art Unit 3746  
Examiner Koczo, Jr., Michael

Mail Stop Amendment  
Commission for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.

	(Col. 1)		(Col. 2)	(Col. 3)		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	81	MINUS	76	5	50.00	250.00
Independent Claims	8	MINUS	3	5	200.00	1,000.00
First Presentation Of Multiple Dependent Claim					290.00	

**TOTAL 1,250.00**

Small Entity 50% Filing Fee Reduction (if applicable) \$625.00

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.  
The "Highest Number Previously Paid For" (Total or Independent is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.)

1.      No additional fee is required.
2. X A check in the amount of \$ 625.00 is attached.
3. X Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1275. An originally executed duplicate of this transmittal is enclosed for this purpose.
4.      Petition for extension of time. The undersigned attorney of record hereby petitions for an extension of time pursuant to 37 C.F.R. § 1.136(a), as may be required, to file this response.

Dated: January 13, 2006

By: 

Thomas B. Haverstock  
Registration No.: 32,571

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Mail Stop Amendment, P.O. Box 1450, Alexandria, VA 22313-1450, on January 13, 2006.

Dated: January 13, 2006

  
Francis Guerra